

REMARKS

Figure 6 was inadvertently omitted when the application was filed. On May 8, 2001, a notice to file missing parts was mailed informing the undersigned of this fact. On June 28, 2001, a transmittal of missing parts was submitted, in which this preliminary amendment was noted. This amendment corrects the application by removing references to the unfiled Figure 6.

If any fees are due in connection with the filing of this paper, then the Commissioner is authorized to charge such fees including fees for any extension of time, to Deposit Account No. 50-1901 (Reference 20118/13).

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Steven C. Lieske", written over a horizontal line.

Steven C. Lieske, Reg. No. 47,749

OPPENHEIMER WOLFF & DONNELLY LLP
45 South Seventh Street, Suite 3300
Minneapolis, Minnesota 55402
Telephone: 612-607-7508
Fax: 612-607-7100
E-mail: SLieske@oppenheimer.com

Please amend paragraphs 0067 and 0068 on pages 21 and 22 as follows.

[0067] Yet another embodiment, ~~shown in Figure 6,~~ is particularly suited for users who are sight impaired or otherwise physically impaired. ~~Referring to Figure 6, t~~ In this embodiment, the viewer interface 175 may include a speech recognition module ~~285~~ to allow the user to control the invention via voice commands, and a speech synthesizer module ~~290~~ to allow the viewer interface 175 to respond to the user verbally. As the present invention uses Genre codes rather than complicated URLs to access content on the Internet, surfing for on-line content verbally with the speech recognition module ~~285~~ is much easier than in traditional URL-based browsers. The speech recognition module ~~285~~ and speech synthesizer module ~~290~~ make it possible for sight impaired or physically impaired users to access web material using only their voices.

[0068] In such a system ~~such as in Figure 6,~~ a Braille version of the content guides 250 is used. In this embodiment, the user speaks the genre and channel code. The system loads the content and interacts with the user via voice commands and speech synthesized responses. This system supports alternative web sites targeted to the sight impaired or physically impaired audience. Such sites can be grouped as a single genre, or can receive a signal from a cookie or other means which indicates that the system should switch over from normal mode to speech-assisted mode. This system can be configured so that on-line content which is requested by the user can be translated into verbal form and spoken to the user.